Journal Index — Volume 20

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The Journal Index for Volume 20 consists of five parts. Part I provides an alphabetized listing of authors who had articles published in Volume 20, Number 1 through 4. Editorials published in Volume 20 are listed numerically in part II. Part III is a topical index of all articles identified by number in Part I. Part IV consists of all previous journal indexes and the issues in which they appear. Part V contains a list of book reviews and the issues in which they appear.

Part I: Alphabetical Index by Author

1. Asche, F. Marion. *Assessment of internal validity of vocational education research.* 1983, 20 (3). 12-24.
2. Bame, E. Allen and Gatewood, Thomas E. *Brain Functioning: implications for curriculum and instruction in industrial arts.* 1983, 20 (2), 36-44.
3. Beach, David P., Kazanas, H. C. and Smith, Terry R. *Development and possible uses of an inventory of affective worker competencies.* 1983, 20 (1), 27-40.
4. Bjorkquist, David C. *Merit rewards and faculty productivity in industrial teacher education.* 1983, 20 (4), 16-23.
5. Bortz, Richard F. and Lange, Cher. *Course offerings and enrollments of industrial teacher education programs: A textbook market study.* 1982, 20 (1), 53-59.
6. DeSain, George W. *An experimental study involving listening skills and the postsecondary vocational student.* 1983, 20 (2), 52-61.
7. Dillon, Linda S. *Vocational training in Japan.* 1983, 20 (4), 39-45.
8. Erekson, Thomas L. *Accessibility of laboratory and equipment as content in industrial teacher education programs.* 1983, 20 (4), 46-51.
9. Finch, Curtis R. and Falls, Sharon S. *Functional context method of instruction in the military.* 1982, 20 (1), 60-71.
10. Hamilton, Jack A. *Facing the nations' energy use problem: A challenge to vocational education.* 1983, 20 (2), 45-51.
11. Harris, Roger McL. *Industrial staff development using PBTE approach: A case study.* 1983, 20 (2), 4-10.
12. Herschbach, Dennis R. *Beyond task statements: addressing content structure and behavioral properties.* 1982, 20 (1), 41-52.

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13. Kapes, Jerome T. and Baker, Glenn E. *Exploring the effects of industrial arts on career maturity in grades seven through twelve: A synthesis of cross-sectional and longitudinal methods.* 1983, 20 (2), 18-35.
14. Kenneke, Larry J. *Diffusion system serves rural areas.* 1982, 20 (1), 18-26.
15. Lee, Howard D. *The effects of pre-reading and during reading instructional strategies on the reading comprehension of high school automotive mechanics students.* 1982, 20 (1), 3-17.
16. Mohamed, Dominic A. *Assessing the impact of earlier research and development in vocational education.* 1983, 20 (3), 6-11.
17. Mohamed, Dominic A. Introduction to the special feature issue. 1983, 20 (3), 4-5.
18. O'Reilly, Patrick A. *Assessment of external validity of recently published vocational education research.* 1983, 20 (3), 25-38.
19. Padelford, Harold E. *A conceptual model of the psychomotor domain.* 1983, 20 (4), 24-31.
20. Passmore, David L. *Analysis and reporting of recently published vocational education research.* 1983, 20 (3), 39-41.
21. Pucel, David J. *The significance of problems addressed in recent vocational education research.* 1983, 20 (3), 42-48.
22. Schwandt, Thomas A. *A framework for disciplined inquiry in vocational education.* 1983, 20 (3), 49-56.
23. Shemick, John M. *Multiple-matrix sampling: A technique for maximizing the effectiveness of lengthy survey instruments.* 1983, 20 (2), 11-17.
24. Stammer, John D. *Reading problems in vocational and technical education.* 1983, 20 (4), 32-38.
25. Usiak, Kenneth and Gutcher, Dale. *Effects of welding on students.* 1983, 20 (4), 3-15.

Part II: Index of Editorials

1. O'Reilly, Patrick A. *Reviewers' and authors' responsibilities: Reflections from the editor.* 1983, 20 (1), 2.
2. O'Reilly, Patrick A. *Call for participation: Reflection from the editor.* 1983, 20 (2), 2-3.
3. O'Reilly, Patrick A. *Journal issues have legs: Reflections from the editor.* 1983, 20 (3), 2-3.
4. Pinder, Charles A. *Industrial Arts manuscripts needed: An appeal from the managing editor.* 1983, 20 (4), 2.

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Index—Volume 19, Number 1 through Volume 19, Number 4, 1982, 20 (1), 75-78.

Part V: Book Reviews

1. Bailey, Larry J. Review of Kenneth B. Hoyt, *Career education: where it is and where it is going*. 1983, 20 (2), 62-64.
2. Herschbach, Dennis R. Review of David C. Bjorkquist, *Supervision of vocational education: management of human resources*. 1983, 20 (4), 52-54.
3. Herschbach, Dennis R. Review of George Kanawaty (Ed.), *Managing and developing new forms of work organization*. 1983, 20 (3), 57-59.
4. Lee, Howard D. Review of James R. Boen and Douglas A. Zahn, *The human side of statistical consulting*. 1983, 20 (3), 60-61.
5. Miller, Patrick W. Review of Mary Jane Polomaki (Ed.), *Teaching handicapped students in vocational education*. 1983, 20 (2), 65-66.
6. Mohamed, Dominic A. Review of Curtis R. Finch and Robert L. McGough, *Administering and supervising occupational education*. 1982, 20 (1), 72-74.
7. Parrish, Linda H. Review of John L. Scott and Michelle Donnelly Sarkees, *Vocational special needs: preparing T&I teachers*. 1983, 20 (4), 55-57.